



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D2807-041**  
**Job Sheet 204561**



Part No: D2807-041

Job Qty: 10 pcs

Part Name: Prop Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/13/19

Job Tracking No:

Due Date: 1/3/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV E IPP: D 07.11.12 ecn1019, replaces D2807 EC verified by DD IPP Rev:E 08-02-12 ECN 1111 DD verified by: ec

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation                     | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier    | Sign-off    |
|-------|-------------------------------|--------|------------|----------|-----------|---------|------------------------|-------------|
|       |                               |        |            |          | Setup Hrs | Run Hrs |                        |             |
| 100   | Purchasing                    | 10 pcs |            | 1/3/20   | 0.00      | 0.00    | Purchasing - 1         | DEC 24 2019 |
|       |                               |        |            |          |           |         | Purchasing - 2         |             |
|       |                               |        |            |          |           |         | Purchasing - 3         |             |
| 110   | Packaging 2-1 - Receive - B4B | 10 pcs |            | 1/3/20   | 0.00      | 0.00    | Packaging 2 - 1 - B4B  | DEC 24 2019 |
|       |                               |        |            |          |           |         | Packaging 2 - 2 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 3 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 5 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 4 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 6 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 7 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 8 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 9 - B4B  |             |
|       |                               |        |            |          |           |         | Packaging 2 - 10 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 11 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 12 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 13 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 14 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 15 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 16 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 17 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 18 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 19 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 20 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 21 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 22 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 23 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 24 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 25 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 26 - B4B |             |
|       |                               |        |            |          |           |         | Packaging 2 - 27 - B4B |             |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S243489



Part: D2807-041

Job No: 204561

Serial No/Batch: S243489

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 12/24/19

Plex 12/13/19 8:41 AM Dart.lajeunesse.marie

|     |                             |        |        |           |                        |                 |
|-----|-----------------------------|--------|--------|-----------|------------------------|-----------------|
| 120 | QC 6                        | 10 pcs | 1/3/20 | 0.00 0.00 | Packaging 2 - 28 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 29 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 30 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 31 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 32 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 33 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 34 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 35 - B4B |                 |
|     |                             |        |        |           | Packaging 2 - 36 - B4B |                 |
|     |                             |        |        |           | QC 6 - 9               | DAS             |
| 130 | Small Fab - 2 - B4B         | 10 pcs | 1/3/20 | 0.00 0.20 | QC 6 - 68              | JAN 0 8 2020 68 |
|     |                             |        |        |           | QC 6 - 61              | 9-89            |
|     |                             |        |        |           | QC 6 - 40              |                 |
|     |                             |        |        |           | QC 6 - 81              |                 |
|     |                             |        |        |           | Small Fab - 1 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 2 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 3 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 4 - B4B    | JAN 0 8 2020    |
|     |                             |        |        |           | Small Fab - 5 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 6 - B4B    |                 |
| 140 | QC 5                        | 10 pcs | 1/3/20 | 0.00 0.00 | Small Fab - 7 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 8 - B4B    |                 |
|     |                             |        |        |           | Small Fab - 9 - B4B    |                 |
|     |                             |        |        |           | QC 5 - 10              |                 |
|     |                             |        |        |           | QC 5 - 12              |                 |
|     |                             |        |        |           | QC 5 - 17              |                 |
|     |                             |        |        |           | QC 5 - 18              |                 |
|     |                             |        |        |           | QC 5 - 19              |                 |
|     |                             |        |        |           | QC 5 - 22              |                 |
|     |                             |        |        |           | QC 5 - 24              |                 |
|     |                             |        |        |           | QC 5 - 3               |                 |
|     |                             |        |        |           | QC 5 - 43              |                 |
|     |                             |        |        |           | QC 5 - 49              |                 |
|     |                             |        |        |           | QC 5 - 51              |                 |
|     |                             |        |        |           | QC 5 - 58              |                 |
|     |                             |        |        |           | QC 5 - 68              |                 |
|     |                             |        |        |           | QC 5 - 9               |                 |
|     |                             |        |        |           | QC 5 - 50              |                 |
|     |                             |        |        |           | QC 5 - 30              | DAS             |
|     |                             |        |        |           | QC 5 - 40              | JAN 0 9 2020 40 |
| 150 | Packaging 3-1 - Stock - B4B | 10 pcs | 1/3/20 | 0.00 0.00 | QC 5 - 61              | 9-89            |
|     |                             |        |        |           | QC 5 - 81              |                 |
|     |                             |        |        |           | Packaging 3 - 1 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 2 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 3 - B4B  | DAS             |
|     |                             |        |        |           | Packaging 3 - 4 - B4B  | 74              |
|     |                             |        |        |           | Packaging 3 - 5 - B4B  | 9-89            |
|     |                             |        |        |           | Packaging 3 - 6 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 7 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 8 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 9 - B4B  |                 |
|     |                             |        |        |           | Packaging 3 - 10 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 11 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 12 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 13 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 14 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 15 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 16 - B4B |                 |
|     |                             |        |        |           | Packaging 3 - 17 - B4B |                 |

|                |        |        |           |  |                        |                |
|----------------|--------|--------|-----------|--|------------------------|----------------|
|                |        |        |           |  | Packaging 3 - 18 - B4B |                |
|                |        |        |           |  | Packaging 3 - 19 - B4B |                |
|                |        |        |           |  | Packaging 3 - 20 - B4B |                |
|                |        |        |           |  | Packaging 3 - 21 - B4B |                |
|                |        |        |           |  | Packaging 3 - 22 - B4B |                |
|                |        |        |           |  | Packaging 3 - 23 - B4B |                |
|                |        |        |           |  | Packaging 3 - 24 - B4B |                |
|                |        |        |           |  | Packaging 3 - 25 - B4B |                |
|                |        |        |           |  | Packaging 3 - 26 - B4B |                |
|                |        |        |           |  | Packaging 3 - 27 - B4B |                |
|                |        |        |           |  | Packaging 3 - 28 - B4B |                |
|                |        |        |           |  | Packaging 3 - 29 - B4B |                |
|                |        |        |           |  | Packaging 3 - 30 - B4B |                |
|                |        |        |           |  | Packaging 3 - 31 - B4B |                |
|                |        |        |           |  | Packaging 3 - 32 - B4B |                |
|                |        |        |           |  | Packaging 3 - 33 - B4B |                |
|                |        |        |           |  | Packaging 3 - 34 - B4B |                |
|                |        |        |           |  | Packaging 3 - 35 - B4B |                |
|                |        |        |           |  | Packaging 3 - 36 - B4B |                |
| 160 QC 21 - SA | 10 pcs | 1/3/20 | 0.00 0.00 |  | QC 21 - SA - 21        | DAS            |
|                |        |        |           |  | QC 21 - SA - 70        | 21 JAN 10 2020 |
|                |        |        |           |  | QC 21 - SA - 53        | 53             |

Part Op 100 - Purchasing - Issue P/O: \_\_\_\_\_ Order as per Dwg D2807 Possible supplier: Lift Support  
Descriptions: Technologies, Saskatoon, Canada P/N 6/15-164/50-115N  
110 - Receive & Inspect for Damage & Mat'l Certs - Ensure Material Release Note is attached  
120 - QC6- All purchased or subcontracted products  
130 - Small Fab - 1-install D3671-1 as per dwg D2807  
140 - QC5- Inspect part completeness to step on W/O  
150 - Identify as per dwg & Stock Location: \_\_\_\_\_  
160 - QC21- Final Inspection - Work Order Release

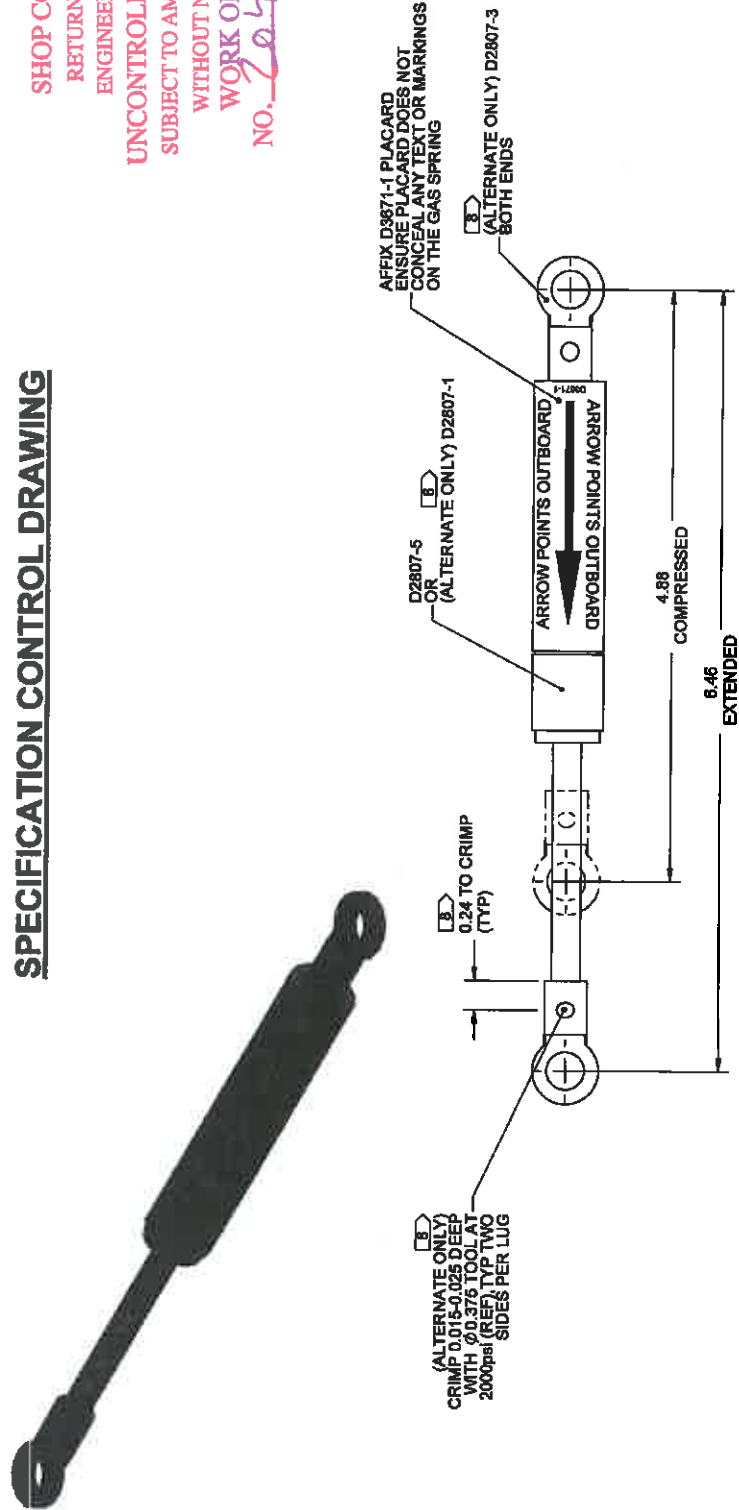
| Job BOM          |                      |               |                         |           |
|------------------|----------------------|---------------|-------------------------|-----------|
| Part / Item      | Component Name       | Quantity      | Operation               | Container |
| 6/15-164/50-115N | Gas Spring D2807-041 | 10 pcs (1 ea) | 100-Purchasing          | S243488   |
| D3671-1          | Placard              | 10 pcs (1 ea) | 130-Small Fab - 2 - B4B | S245268   |

| Job Allocations         |                  |          |           |           |
|-------------------------|------------------|----------|-----------|-----------|
| Operation               | Component Part   | Required | Inventory | Allocated |
| 100-Purchasing          | 6/15-164/50-115N | 10       | 0         | 0         |
| 130-Small Fab - 2 - B4B | D3671-1          | 10       | 25        | 0         |

| Part Specifications                |  |  |  |  |
|------------------------------------|--|--|--|--|
| Specifications could not be found. |  |  |  |  |

SPECIFICATION CONTROL DRAWING

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 204561 MWS  
19-12-13



D2807-041 GAS SPRING

D2807-041 GAS SPRING ASSEMBLY PARTS LIST

| QTY | PART NUMBER | DESCRIPTION         |
|-----|-------------|---------------------|
| X   | D2807-041   | GAS SPRING ASSEMBLY |
| 1   | D2807-5     | GAS SPRING          |
| 1   | D3871-1     | PLACARD             |

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI D18 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.169 LBS  
8) ALTERNATE PART: D2807-5 CAN BE MADE FROM ASSEMBLING D2807-1 (1) AND D2807-3 (2) (E)

|            |                                                                                                              |             |              |
|------------|--------------------------------------------------------------------------------------------------------------|-------------|--------------|
| E          | ADD D2807-5 GAS SPRING. D2807-5 ASSEMBLY IS AN ALTERNATE TO D2807-3 GAS SPRING. UPDATE DIMENSIONS ON D2807-3 | PH          | 07.12.28     |
| D          | ADDED D2871-1 PLACARD ADDED D2871-1 ASSEMBLY UPDATED DWG                                                     | DC          | 07.09.27     |
| C          | CHANGE SPRING TO SS, ADD -3 LUG                                                                              | CP          | 05.05.25     |
| B          | ADD FINISH                                                                                                   | CP          | 05.03.16     |
| A          | NEW ISSUE                                                                                                    | DS          | 00.11.03     |
| REV.       | DESCRIPTION                                                                                                  | BY          | DATE         |
| DESIGN     | PH                                                                                                           | PH          |              |
| DRAWN      | PH                                                                                                           | PH          |              |
| CHECKED    | LE                                                                                                           | DRAWING NO. | REV. E       |
| MFG. APPR. | LE                                                                                                           | D2807       | SHEET 1 OF 3 |
| APPROVED   | LE                                                                                                           | TITLE       | SCALE        |
| DATE       | 07.12.28                                                                                                     | GAS SPRING  | NTS          |

DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA  
D2807  
GAS SPRING  
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RELEASED  
RECEIVED

**Entered:**

Date:

**WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

NCR No.

Route update only



|                                  |             |                              |  |                                     |  |                                      |  |                                                           |  |                                                 |  |
|----------------------------------|-------------|------------------------------|--|-------------------------------------|--|--------------------------------------|--|-----------------------------------------------------------|--|-------------------------------------------------|--|
| Job: _____                       |             | <b>DISPOSITION</b>           |  | <b>DEPARTMENT/PROCESS</b>           |  |                                      |  |                                                           |  |                                                 |  |
| Part No. _____                   |             | Rework<br>Scrap<br>Use-as-is |  | Skid-tube<br>Machining<br>Large Fab |  | Cross tube<br>Small Fab<br>Finishing |  | Eng. (Non-AW)<br>Prod. Eng. Coord.<br>Rec/Store/Packaging |  | Engineering<br>Water Jet<br>Supplier<br>Quality |  |
| Date :                           | Sequence #: | QTY Affected :               |  | MRB (QS1042)                        |  |                                      |  |                                                           |  |                                                 |  |
| Description Work Order Deviation |             |                              |  | Disposition                         |  |                                      |  |                                                           |  |                                                 |  |
|                                  |             |                              |  |                                     |  |                                      |  |                                                           |  |                                                 |  |
|                                  |             |                              |  | Completed By                        |  |                                      |  |                                                           |  |                                                 |  |
|                                  |             |                              |  | Lead hand / Supervisor              |  |                                      |  |                                                           |  |                                                 |  |
|                                  |             |                              |  | QC / QA Coordinator                 |  |                                      |  |                                                           |  |                                                 |  |
| <b>Root Cause</b>                |             |                              |  | <b>FAULT CATEGORY</b>               |  |                                      |  |                                                           |  |                                                 |  |
| Operator                         |             |                              |  | Pressure/Forced                     |  | Contamination                        |  | Power Loss/Surge                                          |  | Positioned Wrong                                |  |
| Manufacturing Process            |             |                              |  | Bending                             |  | Misaligned/off center                |  | Folio/Program                                             |  | Outside Tolerance                               |  |
| Equip/Tooling                    |             |                              |  | Crushing                            |  | BOM/Route                            |  | Grain Direction                                           |  | Drawing                                         |  |
| Handling/Preservation            |             |                              |  | Cracks                              |  | Broken/Damage/Defect                 |  | Weld                                                      |  | Finish                                          |  |
| Material                         |             |                              |  | Crimp/Kink/Ripple/Wave/Twist        |  | Incomplete/Unclear Instructions      |  | Wrong Stock Pulled                                        |  | Part Lost/Missing                               |  |
| Product Improvement              |             |                              |  | Marks/Chatter                       |  | Drill Holes                          |  | Out of Sequence                                           |  | Misread                                         |  |
| Process Improvement              |             |                              |  | Mislabeled                          |  | Fit/Function                         |  | Off-set/Set-up                                            |  |                                                 |  |
| Human Factors                    |             |                              |  | Other/Details:                      |  |                                      |  |                                                           |  |                                                 |  |



Dart Aerospace Ltd.

1270 Aberdeen St

Hawkesbury, ON

K6A 1K7

Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045409



Supplier:

LST001-VC  
LS Technologies Inc.  
1634 Saskatchewan Ave.  
Saskatoon  
SK  
S7K 1P6 Canada  
Phone: 306 683 5000  
Fax: 306 683 6403

PO No:

POHB045409

PO Date:

12/16/19

Due Date:

12/24/19

Purchase Order

Revision:

Revision Date:

DEC 17 2019

Ship-To Contact:

Lavoie, Chantal  
Phone: 613-623-5200 Ext: 242  
Fax: 613-632-1053  
clavoie@dartaero.com

Ship To:

1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

Via:

Ground

Pynt Terms:

Net 30

Freight Terms:

Special Comments:

| Items        |        |                  |         |                  |         |                                                 |               |         |          |                       |                   |         |                  |                |
|--------------|--------|------------------|---------|------------------|---------|-------------------------------------------------|---------------|---------|----------|-----------------------|-------------------|---------|------------------|----------------|
| Line Item    | Job    | Part             | Drawing | Supplier Part No | Item No | Description                                     | Status        | Account | Due Date | Order Quantity        | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 1            | 204561 | 6/15-164/50-115N |         |                  |         | Gas Spring D2807-041<br>As per Dwg D2807 Rev. E | Firmed<br>X10 | -       | 12/24/19 | 10 pcs<br>DEC 24 2019 | 0 pcs             | 10 pcs  | \$72.13/pcs      | \$721.30       |
| 2            | 204563 | B8-240-575-150N  |         |                  |         | Gas Spring D3552-11<br>As Per Dwg D3552 Rev. M  | Firmed<br>X10 | -       | 12/24/19 | 10 pcs<br>DEC 24 2019 | 0 pcs             | 10 pcs  | \$41.36/pcs      | \$413.60       |
| Grand Total: |        |                  |         |                  |         |                                                 |               |         |          |                       |                   |         | \$1,134.90       |                |

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER. (DOCUMENTATION MAINTAINED BY SUPPLIER)  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A016 PERSONNEL QUALIFICATION  
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENT  
  
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM  
A049 SUPPLIER AWARENESS

Plex 12/16/19 11:04 AM Dart.Lavoie.Chantal



LS Technologies Inc

1634 Saskatchewan Ave,  
Saskatoon, SK S7K 1P6  
Ph: (306) 683-5000 Fax: (306) 683-6403

**Certificate of Compliance**

Dec 17, 2019

This is to certify that the parts listed below meets specifications as required by your order.

10 Units: D2807-041 #204561 Stainless Gas Spring

10 Units: D3552-11 #204563 Gas Spring

DAS  
68  
9-89

Country of Manufacture: Canada

Date of Manufacture: December 2019

This product is ROHS compliant.

Purchase Order # **POHB045409**

Invoice # 21669

L S Technologies Inc Canada

Nolan Fehr  
President

Packing Slip

LS TECHNOLOGIES INC  
1634 Saskatchewan Ave  
Saskatoon, SK S7K 1P6

|            |            |           |
|------------|------------|-----------|
| P.O. No.   | Date       | Invoice # |
| POHB045409 | 2019-12-17 | 21669     |

Bill to:

Dart Aerospace Ltd  
1270 Aberdeen St.  
Hawkesbury, ON K6A 1K7

Ship to:

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St.  
Hawkesbury, ON K6A 1K7

|            |        |
|------------|--------|
| Ship       | Via    |
| 2019-12-17 | Fed-Ex |

| Qty                                                         | Description                                               |
|-------------------------------------------------------------|-----------------------------------------------------------|
| 10                                                          | D2807-041 #204561 Stainless Gas Spring (6/15-164/50-115N) |
| 10                                                          | D3552-11 #204563 Gas Spring                               |
| Shipping Via FED EX Tracking # 777277226470                 |                                                           |
| <div>RECEIVED<br/>DEC 23 2019<br/>DART AEROSPACE LTD.</div> |                                                           |

Order checked by